PUGET SOUND AIR POLLUTION CONTROL AGENCY

ENGINEERING DIVISION
110 Union Street, Suite 500 • Seattle, WA 98101-2038
Telephone: (206) 689-4052

Notice of Construction and Application for Approval

FORM P SIDE 1

Be sure to complete items 39, 40, 41, & 43 before submitting Form P.

(AGENCY USE ONLY)
DATE _____ N/C NUMBER _____
REG. NO. _____ VAR. NO. _____
SIC. NO. _____ COS. NO. _____
GRID NO. _____ UTM _____

1. TYPE OF BUILDING (Check) ☐ New ☒ Existing

2. STATUS OF EQUIPMENT (Check) ☒ New ☐ Existing ☐ Altered ☐ Relocation

7. APPLICANT: Don Ugelstad, Production Super.

3. COMPANY (OR OWNER) NAME: Ash Grove Cement Co.

8. APPLICANT ADDRESS: 3801 E. Marginal Way S., Seattle, WA

4. COMPANY (OR OWNER) MAILING ADDRESS: Same

9. INSTALLATION ADDRESS: Same

5. NATURE OF BUSINESS: Portland Cement Manufacturer

10. TYPE OF PROCESS: Dry Kiln

EQUIPMENT (ENTER ONLY NEW EQUIPMENT OR CHANGES. ENTER NUMBER OF UNITS OF EQUIPMENT IN COLUMN 'NO. OF UNITS.' COMPLETE FORM 'S' FOR EACH ENTRY.)

11. NO. OF UNITS	SPACE HEATERS OR BOILERS (Complete Form S-A)	14. NO. OF UNITS	OVENS	15. NO. OF UNITS	MECHANICAL EQUIP.	16. NO. OF UNITS	MELTING FURNACES
(a)		(a)	CORE BAKING OVEN	(a)	AREAS	(a)	POT
12. NO. OF UNITS	**INCINERATORS (Complete Form S-B)**	(b)	PAINT BAKING	(b)	BULK CONVEYOR	(b)	REVERBERATORY
		(c)	PLASTIC CURING	(c)	CLASSIFIER	(c)	ELECTRIC INDUC/RESIST
(a)		(d)	LITHO COATING OVEN	(d)	STORAGE BIN	(d)	CRUCIBLE
13. NO. OF UNITS	**OTHER SYSTEMS**	(e)	DRYER	(e) 1	BAGGING	(e)	CUPOLA
		(f)	ROASTER	(f)	OUTSIDE BULK STORAGE	(f)	ELECTRIC ARC
(a)	DEGREASING, SOLVENT	(g)	KILN	(g)	LOADING OR UNLOADING	(g)	SWEAT
(b)	ABRASIVE BLASTING	(h)	HEAT-TREATING	(h)	BATCHING	(h)	OTHER METALLIC
(c)	OTHER — SYSTEM	(i)	OTHER	(i)	MIXER (SOLIDS)	(i)	GLASS
(d)		(j)		(j)	OTHER	(j)	OTHER NON METALLIC

17. NO. OF UNITS	GENERAL OPER. EQUIP.	17. NO. OF UNITS	GENERAL OPER. EQUIP.	17. NO. OF UNITS	GENERAL OPER. EQUIP.	18. NO. OF UNITS	OTHER EQUIPMENT
(a)	CHEMICAL MILLING	(f)	GALVANIZING	(k)	ASPHALT BLOWING	(a)	SPRAY PAINTING GUN
(b)	PLATING	(g)	IMPREGNATING	(l)	CHEMICAL COATING	(b)	SPRAY BOOTH OR ROOM
(c)	DIGESTER	(h)	MIXING OR FORMULATING	(m)	COFFEE ROASTER	(c)	FLOW COATING
(d)	DRY CLEANING	(i)	REACTOR	(n)	SAWS & PLANERS	(d)	FIBERGLASSING
(e)	FORMING OR MOLDING	(j)	STILL	(o)	STORAGE TANK	(e)	OTHER

CONTROL DEVICES (ENTER NUMBER OF UNITS OF EQUIPMENT IN SPACES IN COLUMNS. COMPLETE A FORM R FOR EACH ENTRY.)

19. NO. OF UNITS	CONTROL DEVICE	20. NO. OF UNITS	CONTROL DEVICE	21. NO. OF UNITS	CONTROL DEVICE	22. NO. OF UNITS	CONTROL DEVICE
(a)	SPRAY CURTAIN	(a)	AIR WASHER	(a)	ABSORBER	(a)	DEMISTER
(b)	CYCLONE	(b)	WET COLLECTOR	(b)	ADSORBER	(b) 1	BAGHOUSE
(c)	MULTIPLE CYCLONE	(c)	VENTURI SCRUBBER	(c)	FILTER PADS	(c)	ELEC. PRECIPITATOR
(d)	INERTIAL COLL. — OTHER	(d)		(d)	AFTERBURNER	(d)	OTHER

23. BASIC EQUIPMENT COST (Estimate): $30,000

24. CONTROL EQUIPMENT COST (Estimate): $15,000

25. DAILY HOURS: 8hrs/day — FROM _____ AM TO _____ PM

26. DAYS OF OPERATION (Circle): S M T W T F S

27. ESTIMATED STARTING DATE OF CONSTRUCTION: 12/1/2000

28. ESTIMATED COMPLETION DATE OF CONSTRUCTION: 1/31/2001

29. RAW MATERIALS (List starting material used in process) AND FUELS (Type and amount)	ANNUAL AMT. UNITS	30. PRODUCTS (List End Products)	ANNUAL PROD. UNITS
(a)		(a)	
(b)		(b)	
(c)		(c)	
(d)		(d)	
(e)		(e)	
(f)		(f)	
(g)		(g)	

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Notice of Construction Application | FORM P

STACKS OR VENTS (LIST NUMBER, TYPE, AND SIZE OF VENT)

31. NO. OF UNITS	DESCRIPTION OF OPENING	32. HEIGHT ABOVE GRADE (FT.)	33. VOLUME EXHAUSTED (ACFM)	DIMENSIONS (INCHES)	
				34. LENGTH (OR DIAM)	35. WIDTH
(a)	STACKS				
(b)	FLUES				
(c)	PROCESS OR GENERAL EXHAUST	30ft	500 ACFM		
(d)	PROCESS OR GENERAL VENTS				
(e)	SKYLIGHT OR WINDOW				
(f)	EXHAUST HOOD				
(g)	OTHER				

FLOW DIAGRAM

36. FLOW DIAGRAM INSTRUCTIONS:

(a) FLOW DIAGRAM MAY BE SCHEMATIC. ALL EQUIPMENT SHOULD BE SHOWN WITH EXISTING EQUIPMENT SO INDICATED.
(b) SHOW FLOW DIAGRAM OF PROCESS STARTING WITH RAW MATERIALS USED AND ENDING WITH FINISHED PRODUCT.
(c) IF MORE THAN ONE PROCESS IS INVOLVED TO MAKE FINISHED PRODUCT, SHOW EACH PROCESS AND WHERE THEY MERGE.
(d) INDICATE ALL POINTS IN PROCESS WHERE GASEOUS OR PARTICULATE POLLUTANTS ARE EMITTED.
(e) FLOW CHART CAN BE ATTACHED SEPARATELY IF NECESSARY. (DRAWINGS MAYBE SUBMITTED INSTEAD IF DESIRED).
(f) SHOW PICKUP AND DISCHARGE POINTS FOR HANDLING OR CONVEYING EQUIPMENT.

SEE PROPOSED LAYOUT

37. LIST OF ATTACHMENTS AND ACCOMPANYING DATA OR COMMENTS:

Form R, Form S, Narrative, Sketch of Proposed Layout, Site Plan, Brochure

38. CERTIFICATION:

I, THE UNDERSIGNED, DO HEREBY CERTIFY THAT THE INFORMATION CONTAINED IN THIS APPLICATION AND THE ACCOMPANYING FORMS, PLANS, AND SUPPLEMENTAL DATA DESCRIBED HEREIN IS, TO THE BEST OF MY KNOWLEDGE, ACCURATE AND COMPLETE.

39. SIGNATURE	40. DATE
Don Uqelstad	10/20/00

41. TYPE OR PRINT NAME	42. TITLE	43. PHONE
Don Uqelstad	Production Superintendent	206-694-6210

PUGET SOUND AIR POLLUTION CONTROL AGENCY

Engineering Division ▪ 110 Union Street, Room 500 ▪ Seattle, Washington 98101-2038 ▪ (206) 689-4052

NOTICE of CONSTRUCTION & APPLICATION for APPROVAL

FOR AIR POLLUTION CONTROL EQUIPMENT ONLY

FORM R

For Agency Use:
Date: _____ N/C# _____

*Note: Information required by Section 1a must be completed for this form to be accepted for review.

1	a. Complete the Sections Indicated* [X]1 [X]2 [X]3 [ ]4 [ ]5 [X]6 [ ]7 [X]8 [ ]9 [X]10 [X]11 [X]12		b. Company (or owner) Installation Address: 3801 E. Marginal Way S., Seattle, WA	
	c. Company (or owner) Name: Ash Grove Cement Co.		d. Applicant: Don Ugelstad	
	e. Prepared by (name and title): Don Ugelstad, Production Super.		f. Prepared by (signature): Don Ugelstad	g. Phone: 206-694-6210
2	a. AIR POLLUTION CONTROL EQUIPMENT	b. Type of Equipment: Filter Collector	c. Make & Model: 6BR40PB-RC	d. Dimensions (LxWxH): 36" dia. x 84"
	e. Number of Units: 1	f. Capacity: 500 ACFM	g. Auxiliary Equipment:	h. Connected to:
3	a. BAGHOUSE	b. Number of Bags: 6	c. Shaking Cycle (auto or manual rapping or reverse air): Pulse-Jet	d. Cloth Area: 132sf
	e. Material Used: Non-Woven ET803 Spun Poly.	f.	g. Air-to-Cloth Ratio (ft/minute): 3.8:1	h. Connected to: Cent. Fan
4	a. ELECTROSTATIC PRECIP.	b. Electrode Separation (ft)	c. Coll. Electrode Dimensions LxW (ft)	d. Mean Velocity of Gas (ft/sec)
	e. Area (sq ft)	f. Voltage	g. Coll. Electrode or Plate Area (sq ft)	h. Connected to:
5	a. BURNERS	b. Type of Burner, Fuel	c. Make & Model	d. Rating
	e. Number of Units; Ignition	f.	g. CFM Exhausted (Temperature) _____ (_____°F)	h. Connected to:
6	a. STACKS, VENTS	b. Type of Vent: Wall	c. Dimensions (LxWxH)	d. Dampers: None
	e. No. of Vents; Material Used: (1) Duct	f.	g. CFM Exhausted (Temperature) 500 (70 °F)	h. Connected to:
7	a. SCRUBBERS	b. Type of Flow (spray, bubbler)	c. Packing Type/Size	d. Pressure Drop (inches of water)
	e. Composition of Solution	f.	g. Flow Rate (GPM)	h. Make-Up (GPM)
8	a. FANS	b. Type of Fan (designate blade): Radial	c. Make & Model: CBC 12x2.875	d. Motor Data: 3500 RPM 3 HP
	e. Number of Fans; Material Used: (1) Cast Aluminum	f.	g. CFM Exhausted (Temp @ SP) 500 (70 °F)	h. Connected to: Filter
9	a. CYCLONES	b. Type of Cyclone [ ] Common [ ] Split Duct [ ] Multiclone	c. Make & Model	d. Inlet Area (sq ft)
	e. Number of Units; Material Used	f. Body Dia. (in.) / Outlet Dia. (in.)	g. Body Height (in.) / Efficiency	h. Connected to:
10	a. COLLECTION DATA	b. Description of Collected Matl.: Cement Fines	c. Amount Collected (lbs/day): 34.3#/day	d. Particle Size (microns avg.): 10 Microns
	e. Types of Pollutants [ ] Gas [X] Particulate [ ] Odor	f.	g. Collection Efficiency: 99.99%	h. Disposition of Collection Waste: Fugitive Dust
11	a. GAS FLOW	b. Actual CFM: 500	c. SCFM (Reg I Standard): 489	d. Temperature (°F) In 70 Out 70
	e. Pressure Drop: 2" sp wg	f. Efficiency: 99.99%	g. Inlet and Outlet Pollutant Concentrations: .01 gr/cf	h.
12	a. ADDITIONAL DATA	b. [ ] Attach Brochure	c. [X] Attach Plans/Specs	d. [X] Attach Emission Estimate (show calculation)
	e. [X] Submit Narrative Description of Process	f. [ ] Submit Source Test Data	g. [ ] Submit Modeling Data	h. [X] Attach Schedule of Equipment with Make, Model, Capacity
	i. [ ]	j. [ ]	k. [ ]	l. [ ]

Form 50-125R (6/92)

AGCS2M002044 SEA0447

Engineering Division ▪ 110 Union Street, Suite 500 ▪ Seattle, Washington 98101-2038 ▪ (206) 689-4052

NOTICE of CONSTRUCTION & APPLICATION for APPROVAL

FOR BASIC PROCESS EQUIPMENT

FORM S

For Agency Use: Date: _____ N/C# _____

***Note: Information required by Section 1a must be completed for this form to be accepted for review.**

1	a. Complete the Sections Indicated* [X] 1 [ ] 2 [ ] 3 [ ] 4 [ ] 5 [ ] 6 [ ] 7 [ ] 8 [ ] 9 [ ] 10 [ ] 11 [X] 12		b. Company (or owner) Installation Address: 3801 E. Marginal Way S.,Seattle, WA	
	c. Company (or owner) Name: Ash Grove Cement Co.		d. Applicant: Don Ugelstad	
	e. Prepared by (name and title): Don Ugelstad, Production Super.		f. Prepared by (signature): Don Ugelstad	g. Phone: 206-694-6210
2	a. PROCESS EQUIPMENT	b. Title: Bulk Loading Station	c. Make & Model: NBE/2000-3940	d. Dimensions (LxWxH): 77"x59"x98.5"
	e. # of Units; Rated Capacity: 1;8 bags/hr	f.	g. Auxiliary Equipment	h. Connected to:
3	a.	b.	c.	d.
	e.	f.	g. Equipment	h. Connected to:
4	a. BURNERS	b. Type of Burner, Fuel	c. Make & Model	d. Rated Capacity
	e. # of Units; Ignition Method	f.	g. CFM Exhausted (Temperature) _____ (_____°F)	h. Connected to:
5	a. STACKS, VENTS, AND EXHAUST OPENINGS	b. Type of Vent	c. Dimensions	d.
	e. # of Vents; Material of Construction	f.	g. CFM Exhausted (Temperature) _____ (_____°F)	h. Connected to:
6	a. TANKS AND KETTLES	b. Type of Tank, Material	c. Dimensions (LxWxH) in inches	d. Surface Area (sq. ft.) [ ] Closed [ ] Open
	e. # of Tanks; Material of Construction	f.	g. Auxiliary Equipment	h. Connected to:
7	a. FANS	b. Type of Fan (designate blade)	c. Make & Model	d. Motor Data _____ RPM _____ HP
	e. # of Fans; Material of Construction	f.	g. CFM Exhausted (Temperature) _____ (_____°F)	h. Connected to:
8	a. OVENS & FURNACES	b. Type of Oven or Furnace	c. Make & Model	d. Rated Capacity
	e. # of Ovens or Furnaces; Material of Construction	f.	g. CFM Exhausted (Temperature) _____ (_____°F)	h. Connected to:
9	a. OPERATIONAL DATA	b. Type of Operation [ ] Batch [ ] Continuous	c. Operating Schedule (normal) Shifts/Day: [ ] 1 [ ] 2 [ ] 3	d. Mode of Operations [ ] Manual [ ] Auto [ ] Semi-Auto
	e. Duration of Batch (hrs/batch)	f.	g. Daily # of Batches _____ avg _____ max	h.
10	a. CONVEYORS	b. Type of Conveyor (pneumatic, bolt)	c. Make & Model	d. Capacity
	e. Dimensions (LxWxH)	f.	g. # of Pickups / # of Discharge Points	h. Connected to:
11	a. GAS FLOW	b. Actual CFM	c. SCFM (Reg I Standard)	d. Temperature (°F) In _____ Out _____
	e. Pressure Drop	f. Efficiency	g. Inlet and Outlet Pollutant Concentrations	h.
12	a. ADDITIONAL DATA	b. [X] Attach Brochure	c. [X] Attach Plans/Specs	d. [ ] Attach Emission Estimate (show calculation)
	e. [X] Submit Narrative Description of Process	f. [ ] Submit Source Test Data	g. [ ] Submit Modeling Data	h. [X] Attach Schedule of Equipment with Make, Model, Capacity
	i. [ ]	j. [ ]	k. [ ]	l. [ ]

Form 50-125S (6/92)

AGCS2M002045 SEA0448

ASH GROVE

ASH GROVE CEMENT SEATTLE PLANT
3801 EAST MARGINAL WAY SOUTH
SEATTLE, WASHINGTON 98134

BULK BAG LOADING EQUIPMENT SCHEDULE

1. Bulk Bag Filling Station, NBE model 2000-3940, 8 bags/hour
2. Filter Collector, Pulse-Jet, model 6BR40PB-RC with fan

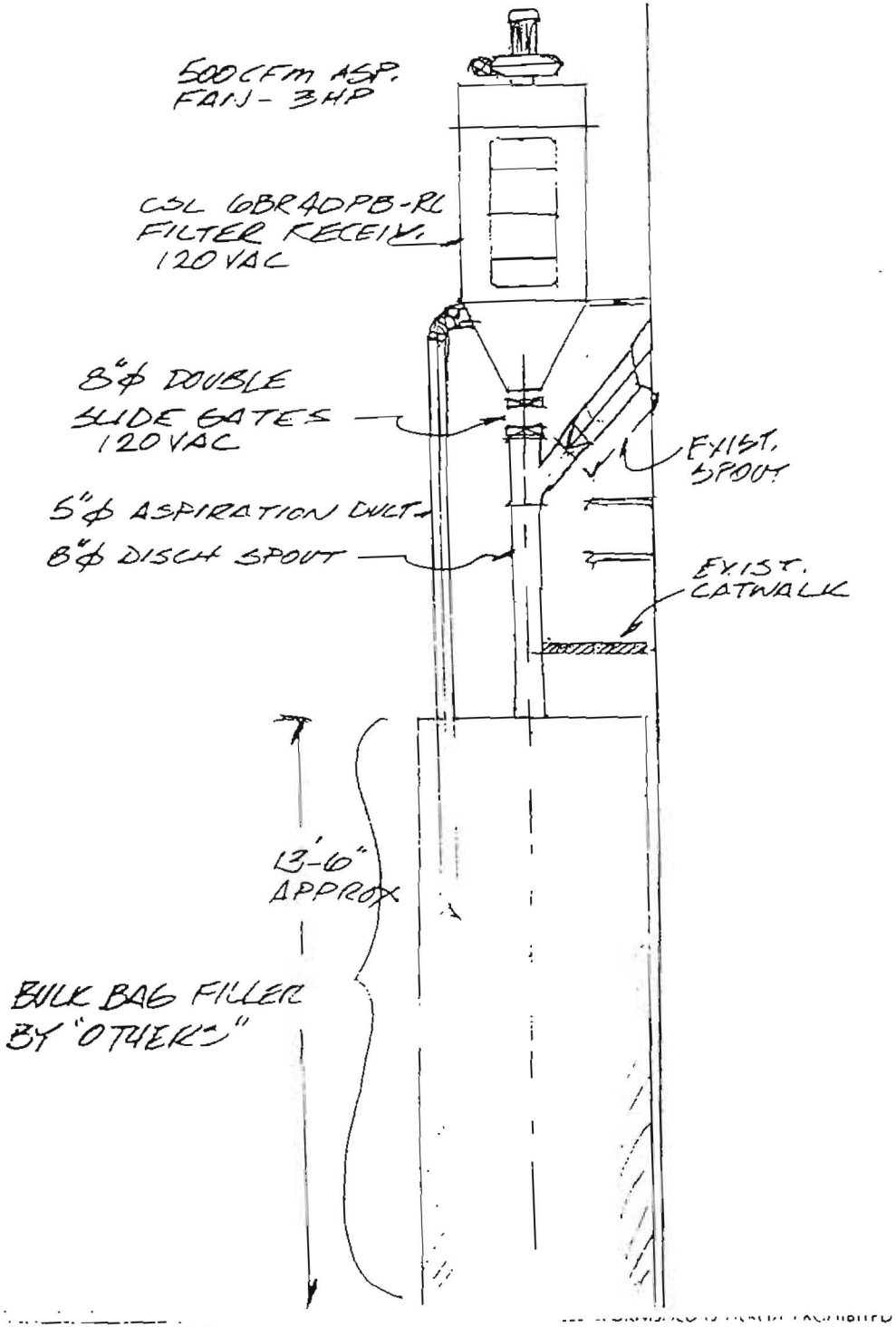
NARRATIVE DESCRIPTION

The purpose of this project is to provide a more efficient means of loading Portland cement into 4000# bulk bags for shipment. A new bag filling station will be placed next to an existing 1600-ton cement storage silo. Cement will be metered from the silo though cutoff and flow control gates via an airslide and into the bag filling station. The filling station will be vented from above with a new pulse-jet fabric filter dust collector. The system is designed such that the dust collector will dump fugitive dust directly into the bulk bags.

After filling the bags, they are removed from the filling station, tied and placed into shipping containers or on flat bed trucks for shipment.

CALCULATION OF DUST LOAD

$$500 \cdot \frac{ft^3}{min} \cdot \left(.01 \frac{grain}{ft^3}\right) \cdot \left(\frac{1\ lb}{7000 \cdot grain}\right) \cdot \left(8 \cdot \frac{hr}{day}\right) = 0.34 \cdot \frac{lb}{day}$$



CAROTHERS AND SON, LTD.

EUGENE, OREGON (541) 484-4270

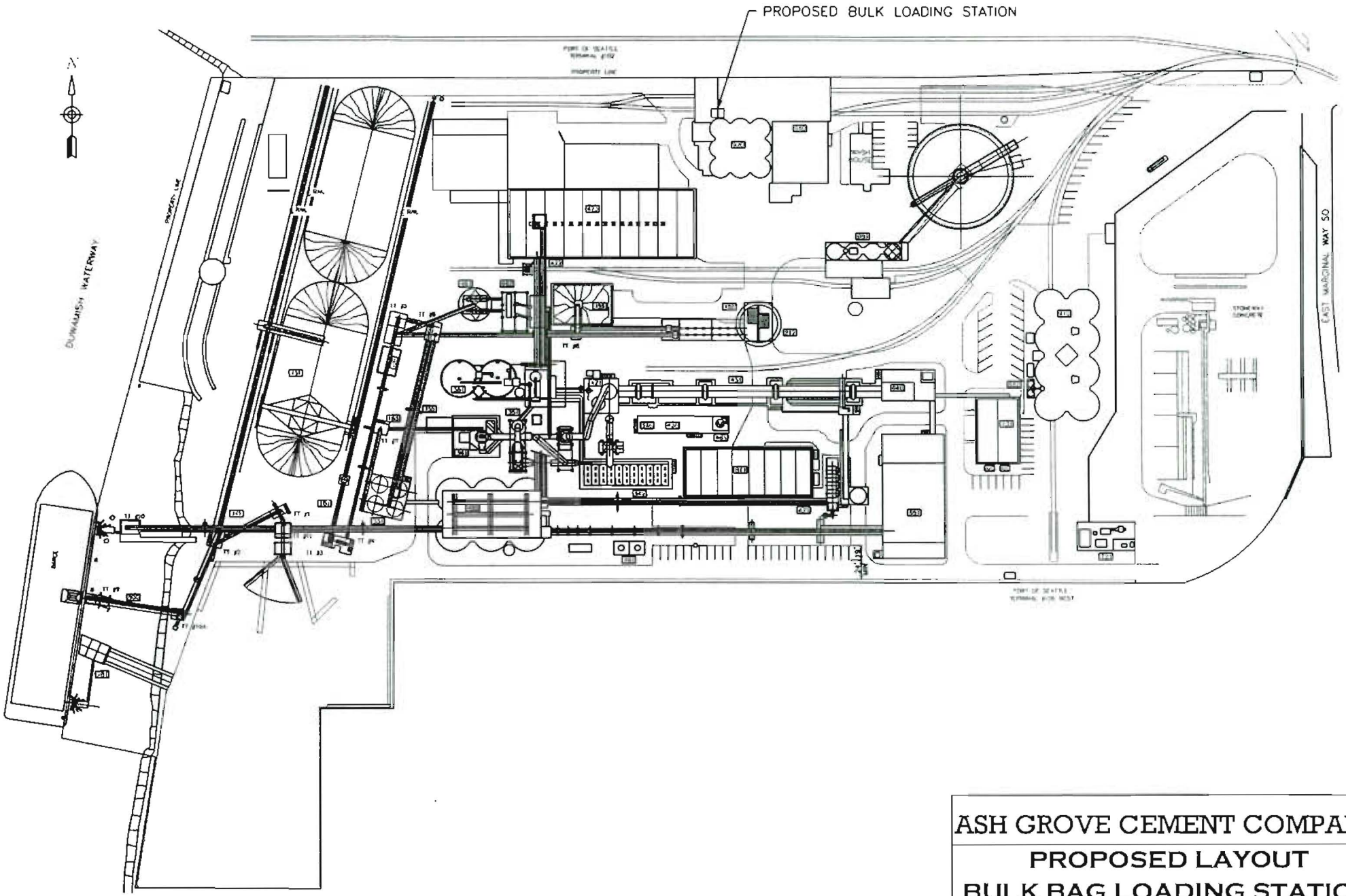
SCALE 1/4" = 12"	APPROVED BY	DRAWN BY RB
DATE 8-8-00		REVISED

PROPOSED BULK BAG FILLER INSTALLATION & DUST CONTROL

ASH GROVE CEMENT
SEATTLE WA

DRAWING NUMBER P-1

J70290



ASH GROVE CEMENT COMPANY

PROPOSED LAYOUT
BULK BAG LOADING STATION

SIZE:	FSCM NO.:	DWG NO.:	REV:
A		001020-01	-
SCALE: NONE		BY: DON UGELSTAD	SHEET: 1 OF 1

AGCS2M002048

SEA0451

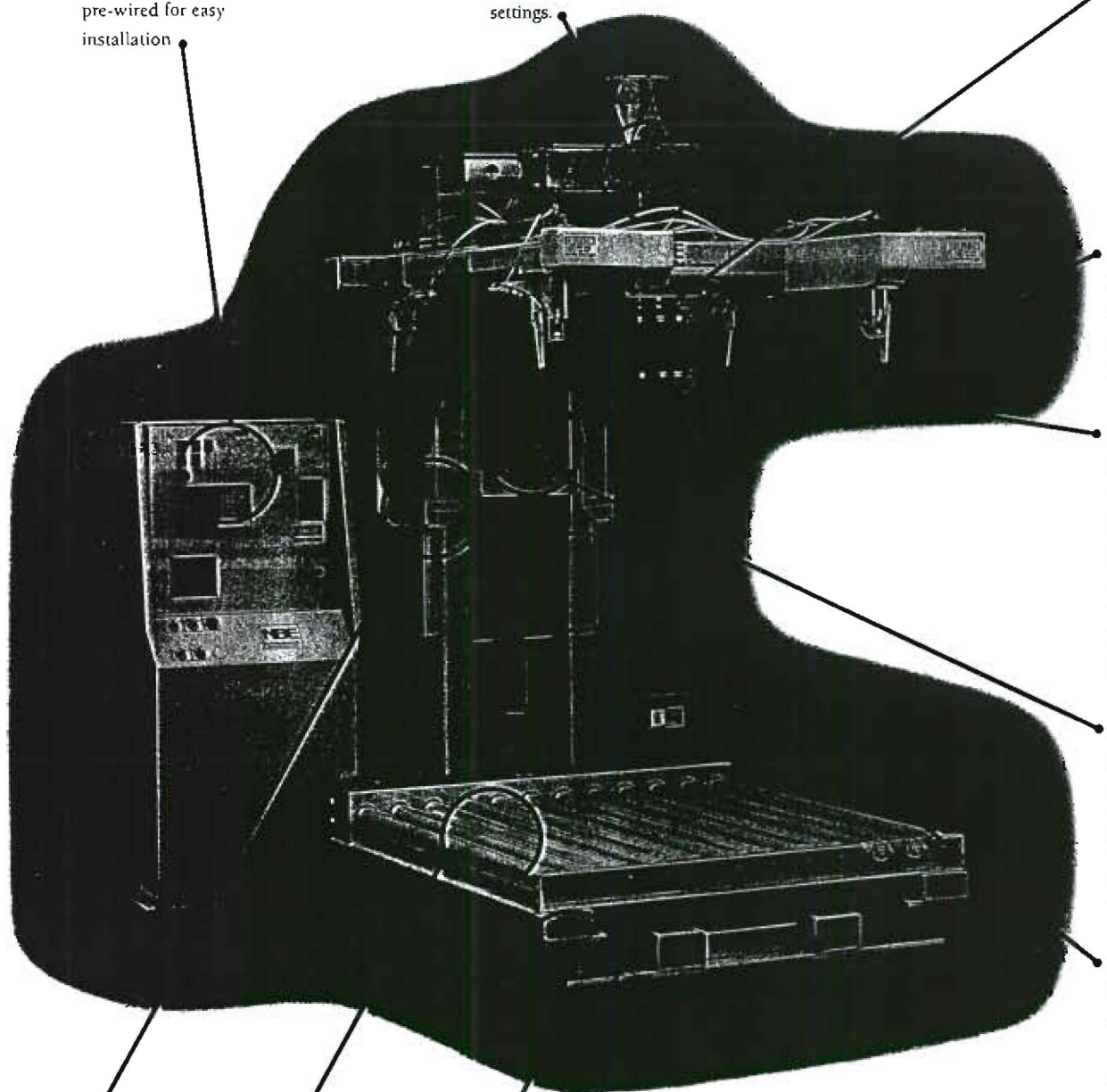
Bulk bag fillers

The freestanding control panel includes all pneumatic and electric controls, pre-plumbed and pre-wired for easy installation

Bag/liner pre-inflation pneumatic venturi package pre-sizes the bag for more precise filling.

Flow control valve consists of a three-position pneumatically operated 8" knife gate for bulk and dribble settings.

Concentric fill spout with pneumatic inflatable dust seal features USDA/FDA-approved rubber bladder, providing positive gripping of bag spout, which eliminates dusting during filling cycle.



Adjustable bag loop hangers securely hold bags of various sizes (patent pending).

Powered rear loop hangers automatically slide from back to front, enabling the operator to attach the bag easily without the need to lean into the equipment (patent pending).

Power screw height adjustment with soft start/stop reduces stress on the framework when raising and lowering the fill head

4,000 lbs. capacity framework was designed using the latest FEA software for outstanding safety and reliability.

Roller wear guards increase longevity of frame.

Indexing conveyor allows for automatic staging and indexing of bags into or out of the filling station

Mettler-Toledo weigh system (optional) has dual display advanced digital indicator with multiple set-points, NEMA 4 enclosure, and flex-mount load cell system. Platform scales or hanging tension load cells are also available.

Drum/gaylord/tote fill adaptors allow for dust-free filling of any customer-specified container.

Densification platform allows for densifying of material to increase productivity while maximizing the volume of product in the bag.

Puget Sound Air Pollution Control Agency

110 Union Street, Suite 500
Seattle, Washington 98101
Telephone: (206) 343-8800
1-800-552-3635

Date: 10/23/00

Proponent: Ash Grove Cement

Project, Brief Title: Bulk Loading Station

ENVIRONMENTAL CHECKLIST

Purpose of Checklist:

The State Environmental Policy Act (SEPA), Chapter 43.21C RCW, requires all governmental agencies to consider the environmental impacts of a proposal before making decisions. An environmental impact statement (EIS) must be prepared for all proposals with probable significant adverse impacts on the quality of the environment. The purpose of this checklist is to provide information to help you and the agency identify impacts from your proposal (and to reduce or avoid impacts from the proposal, if it can be done) and to help the agency decide whether an EIS is required.

Instructions for Applicants:

This environmental checklist asks you to describe some basic information about your proposal. Governmental agencies use this checklist to determine whether the environmental impacts of your proposal are significant, requiring preparation of an EIS. Answer the questions briefly, with the most precise information known, or give the best description you can.

You must answer each question accurately and carefully, to the best of your knowledge. In most cases, you should be able to answer the questions from your own observations or project plans without the need to hire experts. If you really do not know the answer, or if a question does not apply to your proposal, write "do not know" or "does not apply". Complete answers to the questions now may avoid unnecessary delays later.

Some questions ask about governmental regulations, such as zoning, shoreline, and landmark designations. Answer these questions if you can. If you have problems, the governmental agencies can assist you.

The checklist questions apply to all parts of your proposal, even if you plan to do them over a period of time or on different parcels of land. Attach any additional information that will help describe your proposal or its environmental effects. The agency may ask you to explain your answers or provide additional information reasonably related to determining if there may be significant adverse impact.

Use of checklist for nonproject proposals:

Complete this checklist for nonproject proposals, even though questions may be answered "does not apply." IN ADDITION, complete the SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS (part D).

For nonproject actions, the references in the checklist to the words "project," "applicant," and "property or site" should be read as "proposal," "proposer," and "affected geographic areas," respectively.

TO BE COMPLETED BY THE APPLICANT

A. BACKGROUND

1. Name of proposed project, if applicable:

   Bulk Loading Station

2. Name of applicant: Ash Grove Cement Co.

3. Address and phone number of applicant and contact person:

   Name: Gerald J. Brown Title: Mgr. Safety & Env.

   Firm: Ash Grove Cement Co. Telephone: (206) 623-5596

   PO Box/Street: 3801 E. Marginal Way So.

   City/State/Zip: Seattle WA. 98134

4. Date checklist prepared: 10/23/00

5. Agency requesting checklist: PSCAA

6. Proposed timing or schedule (including phasing, if applicable):

   Construction to begin 12/01/00

   Project completion date 1/31/01

7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain.

   No

8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal.

None

9. Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? If yes, explain.

No

10. List any government approvals or permits that will be needed for your proposal, if known.

NOC PSCAA

11. Give brief, complete description of your proposal, including the proposed uses and the size of the project and site. There are several questions later in this checklist that ask you to describe certain aspects of your proposal. You do not need to repeat those answers on this page.

Install a new bag filling station next to an existing cement silo. Cement will be taken from the silo and placed i bulk sacks. The process is vented throuqh a new pilse jet fabric filter dust collector.

12. Location of the proposal. Give sufficient information for a person to understand the precise location of your proposed project, including a street address, if any, and section, township, and range, if known. If a proposal would occur over a range of area, provide the range or boundaries of the site(s). Provide a legal description, site plan, vicinity map, and topographic map, if reasonably available. While you should submit any plans required by the agency, you are not required to duplicate maps or detailed plans submitted with any permit applications related to this checklist.

3801 E. Marginal Way So., Seattle WA. 98134

B. ENVIRONMENTAL ELEMENTS

1. Earth

a. General description of the site (circle one): Flat, rolling, hilly, steep slopes, mountainous, other: _____.

b. What is the steepest slope on the site (approximate percent slope)?
2%

c. What general types of soils are found on the site (for example, clay, sand, gravel, peat, muck)? If you know the classification of agricultural soils, specify them and note any prime farmland.
Hydraulic drege fill over sands and silt at considerable depth @200 feet below exisiting groud surface.

d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe.
No

e. Describe the purpose, type, and approximate quantities of any filling or grading proposed. Indicate source of fill.

None

f. Could erosion occur as a result of clearing, construction or use? If so, generally describe.

No

g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)?

None.

h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any:

Not applicable

2. Air

a. What types of emissions to the air would result from the proposal (i.e., dust, automobile, odors, industrial, wood smoke) during construction and when the project is completed? If any, generally describe and give approximate quantities if known.

Dust emission filter through collector.

b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe.

No

c. Proposed measures to reduce or control emissions or other impacts to air, if any:

Jet Pulse fabric filter dust collector.

3. Water

a. Surface:

1) Is there any surface water body on or in the immediate vicinity of the site (including year-round and seasonal streams, saltwater, lakes, ponds, wetlands)? If yes, describe type and provide names. If appropriate, state what stream or river it flows into.

Duwamish River borders the west side of the plant.

2) Will the project require any work over, in, or adjacent to (within 200 feet) the described waters? If yes, please describe and attach available plans.

No

3) Estimate the amount of fill and dredge material that would be placed in or removed from surface water or wetlands and indicate the area of the site that would be affected. Indicate the source of fill material.

None

4) Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known.

No.

5) Does the proposal lie within a 100-year floodplain? If so, note location on the site plan.

None

6) Does the proposal involve any discharges of waste materials to surface waters? If so, describe the type of waste and anticipated volume of discharge.

No.

b. Ground:

1) Will ground water be withdrawn, or will water be discharged to ground water? Give general description, purpose and approximate quantities if known.

No.

2) Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (for example: domestic sewage; industrial, containing the following chemicals...; agricultural; etc.). Describe the general size of the systems, the number of such systems, the number of houses to be served (if applicable), or the number of animals or humans the system(s) are expected to serve.

None.

c. Water Runoff (including storm water):

1) Describe the source of runoff (including storm water) and method of collection and disposal, if any (include quantities, if known). Where will this water flow? Will this water flow into other waters? If so, describe.

No run off from this project.

2) Could waste material enter ground or surface waters? If so, generally describe.

No.

d. Proposed measures to reduce or control surface, ground, and runoff water impacts, if any:

None

4. Plants

a. Check or circle types of vegetation found on the site:

X deciduous tree: alder, maple, aspen, other
X evergreen tree: fir, cedar, pine, other
X shrubs
X grass
___ pasture
___ crop or grain
___ wet soil plants: cattail, buttercup, bullrush, skunk cabbage, other
___ water plants: water lily, eelgrass, milfoil, other
___ other types of vegetation

b. What kind and amount of vegetation will be removed or altered?

None

c. List threatened or endangered species known to be on or near the site.

None

d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any:

None

5. Animals

a. Circle any birds and animals which have been observed on or near the site or are known to be on or near the site:

None

Birds: hawk, heron, eagle, songbirds, other:

_____

Mammals: deer, bear, elk, beaver, other:

None

Fish: bass, salmon, trout, herring, shellfish, other:

None

b. List any threatened or endangered species known to be on or near the site.

None

c. Is the site part of a migration route? If so, explain.

No

d. Proposed measures to preserve or enhance wildlife, if any:

None

6. Energy and Natural Resources

a. What kinds of energy (electric, natural gas, oil, wood stove, solar) will be used to meet the completed project's energy needs? Describe whether it will be used for heating, manufacturing, etc.

Electric

b. Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe.

No.

c. What kinds of energy conservation features are included in the plans of this proposal? List other proposed measures to reduce or control energy impacts, if any:

None

7. Environmental Health

a. Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire and explosion, spill, or hazardous waste, that could occur as a result of this proposal? If so, describe.

No.

1) Describe special emergency services that might be required.

None

2) Proposed measures to reduce or control environmental health hazards, if any:

None

b. Noise

1) What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)?

None.

2) What types and levels of noise would be created by or associated with the project on a short-term or a long-term basis (for example: traffic, construction, operation, other)? Indicate what hours noise would come from the site.

None.

3) Proposed measures to reduce or control noise impacts, if any:

None

8. Land and Shoreline use

a. What is the current use of the site and adjacent properties?

Heavy Manufracturing

b. Has the site been used for agriculture? If so, describe.

No

c. Describe any structures on the site.

14 foot dia cement kiln, 260 foot tall preheatertower, material silos and shed, raw and finish mill buildings, packhouse, motor control centers and plant offices.

d. Will any structures be demolished? If so, what?

No

e. What is the current zoning classification of the site?

General Industrial 1 (IG-1)

f. What is the current comprehensive plan designation of the site?

Industrial

g. If applicable, what is the current shoreline master program designation of the site?

Urban Industrial (UI)

h. Has any part of the site been classified as an "environmentally sensitive" area? If so, specify.

No.

i. Approximately how many people would reside or work in the completed project?

None

j. Approximately how many people would the completed project displace?

None.

k. Proposed measures to avoid or reduce displacement impacts, if any:

Not Applicable

l. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any:

Not Applicable

9. Housing

a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing.

Not applicable.

b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing.

Not Applicable.

c. Proposed measures to reduce or control housing impacts, if any:

Not Applicable

10. Aesthetics

a. What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed?

Not Applicable. Inside existing structure

b. What views in the immediate vicinity would be altered or obstructed?

None.

c. Proposed measures to reduce or control aesthetic impacts, if any:

None.

11. Light and Glare

a. What type of light or glare will the proposal produce? What time of day would it mainly occur?

None.

b. Could light or glare from the finished project be a safety hazard or interfere with views?

No

c. What existing off-site sources of light or glare may affect your proposal?

None.

d. Proposed measures to reduce or control light and glare impacts, if any:

None.

12. Recreation

a. What designated and informal recreational opportunities are in the immediate vicinity?

None.

b. Would the proposed project displace any existing recreational uses? If so, describe.

No

c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any:

None

13. Historic and Cultural Preservation

a. Are there any places or objects listed on, or proposed for, national, state, or local preservation registers known to be on or next to the site? If so, generally describe.

No.

b. Generally describe any landmarks or evidence of historic, archaeological, scientific, or cultural importance known to be on or next to the site.

None

c. Proposed measures to reduce or control impacts, if any:

None.

14. Transportation

a. Identify public streets and highways serving the site, and describe proposed access to the existing street system. Show on site plans, if any.

East Marginbal Way So.serves the site. Access is by way of driveway.

b. Is site currently served by public transit? If not, what is the approximate distance to the nearest transit stop?

No

c. How many parking spaces would the completed project have? How many would the project eliminate?

None.

d. Will the proposal require any new roads or streets, or improvements to existing roads or streets, not including driveways? If so, generally describe (indicate whether public or private).

No

e. Will the project use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe.

No

f. How many vehicular trips per day would be generated by the completed project? If known, indicate when peak volumes would occur.

Unknown

g. Proposed measures to reduce or control transportation impacts, if any:

There will be no impact.

15. Public Services

a. Would the project result in an increased need for public services (for example, fire protection, police protection, health care, schools, other)? If so, generally describe.

No

b. Proposed measures to reduce or control direct impacts on public services, if any.

None

16. Utilities

a. Circle utilities currently available at the site: electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system, other.

All apply

b. Describe the utilities that are proposed for the project, the utility providing the service, and service, and the general construction activities on the site or in the immediate vicinity which might be needed.

None

C. SIGNATURE

The above answers are true and complete to the best of my knowledge. I understand that the lead agency is relying on them to make its decision.

Signature: _____

Date Submitted: 10/23/07

D. SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS

(Do not use this sheet for project actions)

Because these questions are very general, it may be helpful to read them in conjunction with the list of the elements of the environment.

When answering these questions, be aware of the extent the proposal, or the types of activities likely to result from the proposal, would affect the item at a greater intensity or at a faster rate than if the proposal were not implemented. Respond briefly and in general terms.

1. How would the proposal be likely to increase discharge to water; emissions to air; production, storage, or release of toxic or hazardous substance; or production of noise?

Negligable impact on air emissions. Emissions controlled by dust collection.

Proposed measures to avoid or reduce such increase are:

Dust Collection

2. How would the proposal be likely to affect plants, animals, fish, or marine life?

There will be no effect.

Proposed measures to protect or conserve plants, animals, fish, or marine life are:

Not applicable

3. How would the proposal be likely to deplete energy or natural resources?

No effect.

Proposed measures to protect or conserve energy and natural resources are:

Not applicable.

4. How would the proposal be likely to use or affect environmentally sensitive areas or areas designated (or eligible or under study) for governmental protection; such as parks, wilderness, wild and scenic rivers, threatened or endangered species habitat, historic or cultural sites, wetlands, floodplains, or prime farmlands?

No effect

Proposed measures to protect such resources or to avoid or reduce impacts are:

Not applicable

5. How would the proposal be likely to affect land and shoreline use, including whether it would allow or encourage land or shoreline uses incompatible with existing plans?

No effect

Proposed measures to avoid or reduce shoreline and land use impacts are:

Not applicable

6. How would the proposal be likely to increase demands on transportation or public services and utilities?

No effect.

Proposed measures to reduce or respond to such demand(s) are:

Not applicable

7. Identify, if possible, whether the proposal may conflict with local, state, or federal laws or requirements for the protection of the environment.

There are no conflicts.